

**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1 to 13 (canceled).

Claim 14 (currently amended): A heterojunction bipolar transistor, comprising:

a sub-collector;

a collector atop the sub-collector;

a base atop the collector;

a base contact atop the base;

an emitter atop the base;

an emitter cap atop the emitter, the emitter cap comprising a sidewall with a reentry feature comprising an undercut profile; and

an emitter metal atop the emitter cap.

Claim 15 (canceled).

Claim 16 (original): The transistor of claim 14, wherein at least one of the base and the collector comprises a second sidewall with a second reentry feature.

Claim 17 (original): The transistor of claim 16, wherein the second reentry feature comprises an undercut profile.